

AMENDMENTS TO THE CLAIMS:

This listing of the claims will replace all prior versions, and listings, of the claims in this application.

Listing of Claims:

1. (Cancelled)

2. (Previously Presented) The method of claim 92, wherein the power level with which information is transmitted is selected in dependence on at least one of a parameter of the intended second station and the content of the information.

3. (Previously Presented) The method of claim 92, wherein the power level with which information is transmitted is selected in dependence on at least one of a parameter of the intended second station and the content of the information.

4. (Previously Presented) The method of claim 92, wherein said information is in the form of data packets.

5. (Previously Presented) The method of claim 92, wherein said information for a given second station includes information identifying the given station.

6. (Cancelled)

7. (Cancelled)

8. (Previously Presented) The method of claim 92, wherein the controller is arranged to send a channel configuration message to the first station to control which of said first and second modes is to be used.

9. (Previously Presented) The method of claim 8, wherein said first station is arranged to send a message to said controller advising the controller if it can perform the mode contained in the channel configuration message.

10. (Previously Presented) The method of claim 92, wherein said controller is arranged to send a channel configuration message to the first station to advise the first station as to the range of power levels to be used to transmit information to the second stations.

11. (Previously Presented) The method of claim 92, wherein values representing the power levels are sent to the first station by said controller, said values being mapped to the power levels which are used by said first station to transmit information to said second station.

12. (Previously Presented) The method of claim 92, wherein said controller is a radio network controller.

13. (Previously Presented) The method of claim 92, wherein said first station is a base station.

14. (Previously Presented) The method of claim 92, wherein said second stations comprise mobile stations.

15. (Previously Presented) The method of claim 92, wherein said common CDMA channel is a forward access.

16. (Currently Amended) A method comprising a first mode in which information in the form of frames is transmitted by the first station to a plurality of second stations on a common channel, different frames-information being intended for different stations, said frames information has been transmitted with a same power and a second mode in which different powers are used for the transmission by said first station of data frames the information on the common channel intended for different stations, one of said first and second modes being selected.

17. (Cancelled)

18. (Cancelled)

19. (Previously Presented) The network of claim 94, wherein said power level is selected in dependence on at least one of a parameter of the intended second station and the content of the information.

20. (Previously Presented) The network of claim 94, wherein said controller is a radio network controller, said first station is a base station and said second stations are user terminals.

21. (Previously Presented) The network of claim 94, wherein information sent from said controller to the base station comprises said power information and said information for a second station.

22. (Previously Presented) The network of claim 94, wherein a second mode of operation is provided in which the first station sends information to said second stations with substantially the same power level, one of said first and second modes being selected.

23. (Previously Presented) The network of claim 94, wherein the controller is arranged to send a channel configuration message to the first station to control which of said first and second modes is to be used.

24. (Previously Presented) The network of claim 22, wherein said first station is arranged to send a message to said controller advising the controller if it can perform the mode contained in the channel configuration message.

25. (Previously Presented) The network of claim 94, wherein said controller is arranged to send a channel configuration message to the first station to advise the first station as to the range of power levels to be used to transmit information to the second stations.

26. (Previously Presented) The network of claim 94, wherein said information is in the form of data packets.

27. (Cancelled)

28. (Previously Presented) The network of claim 94, wherein said information for a given second station includes information identifying the given station.

29-70. (Cancelled)

71. (Previously Presented) The network of claim 94, wherein said power level is selected in dependence on at least one of a parameter of the intended second station and the content of the information.

72-88. (Cancelled)

89-91. (Cancelled)

92. (Currently Amended) A method comprising transmitting information by a first station to a plurality of second stations on a common CDMA channel, different information being intended for different stations, wherein said information intended for different second stations are transmitted in a first mode at different power levels, and said first station receives information from a radio network controller on the power with which information for a respective second station is to be transmitted, wherein a second mode of operation is provided in which the first station sends information to said second stations with substantially the same power level, one of said first and second modes being selected.

93. (Currently Amended) A method comprising a first mode in which information in the form of frames is transmitted by a first station to a plurality of second stations on a common CDMA channel, different frames information being intended for different stations, said information being transmitted with a same power and a second mode in which said first station transmits to the plurality of second stations on the common CDMA channel, wherein where in which different powers are used for frames information intended for different second stations.

94. (Currently Amended) A network comprising a first station and a plurality of second stations, said first station being arranged to transmit different information intended for different second stations on a common CDMA channel, said first station having a mode of operation in which said first station is arranged to transmit information intended for different second stations on the common CDMA channel at different power levels, said network further comprising a radio network controller which is arranged to supply power information to said first station as to the power to be used for said information.

95.-97. (Cancelled)

98. (Previously Presented) A method comprising transmitting information by a first station to a plurality of second stations on a common CDMA channel, different information being intended for different stations, wherein said information intended for different second stations are transmitted at different power levels, and said first station receives information from a controller on the power with which information for a respective second station is to be transmitted and said controller is arranged to send a channel configuration message to the first station to advise the first station as to the range of power levels to be used to transmit information to the second stations.

99. (Currently Amended) A network comprising a first station and a plurality of second stations, said first station being arranged to transmit different information in the form of frames intended for different second stations on a common CDMA channel, said first station having a mode of operation in which said first station is arranged to transmit frames information intended for different second stations on the common CDMA channel at different power levels wherein a second mode of operation is provided in which the first station sends frames information to said second stations with substantially the same power level, one of said first and second modes being selected.

100. (New) An apparatus comprising:

a radio network controller configured to control power, wherein information in the form of frames is transmitted by a base station to a plurality of user terminals on a common channel, with different frames of said information being intended for different user terminals;

wherein said controller is configured to provide power levels to the base station for the power with which respective frames are to be transmitted by said base station, such that said different frames of said information intended for different user terminals are transmitted by the base station at different power levels.

101. (New) An apparatus comprising:

a transmitter configured to transmit information in the form of frames to a plurality of user terminals on a common channel, with different frames of said information being

intended for different user terminals and transmitted at different power levels; and
a receiver for receiving power levels for respective frames from a radio network controller for the power with which said respective frame for a respective user is to be transmitted.

102. (New) An apparatus comprising:

a first mode in which a transmitter is configured to transmit information in the form of frames to a plurality of second stations on a common channel, with different frames being intended for different stations, said information being transmitted with a same power; and

a second mode in which the transmitter is configured to transmit to the plurality of second stations on the common channel, wherein different powers are used for frames intended for different second stations.